



°AirRay Tunnel Cuff Electrode

HOW TO HANDLE A TUNNEL CUFF

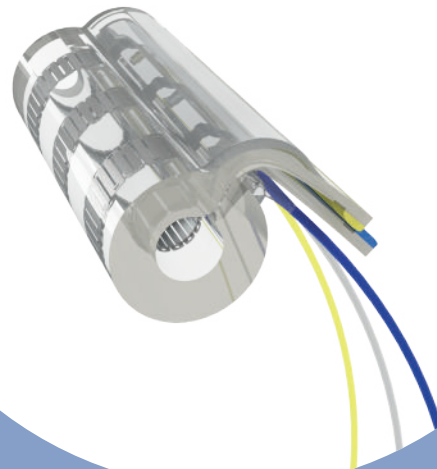
The °AirRay Tunnel Cuff is an electrical interface to the peripheral nervous system. To perform recordings or stimulation, the electrode must be connected to an amplifier or a stimulator, respectively.

PREPARATION

When dry, silicone can be very sticky. To avoid tears in the inner cuff wiring's insulation or at the contacts, it is necessary to disrupt the 'dry adhesion' by dipping the cuff in alcohol (e.g. ethanol) before opening it.

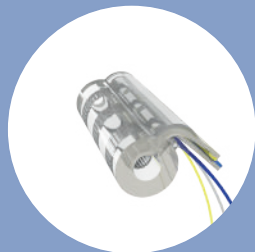
To ensure proper electrical contact, rinse or dip the cuff electrode in sterile ethanol followed by a bath in sterile Ringer's solution (or equivalent) for minimum of 5 minutes before use.

Do not compress the electrode. This may lead to the loss of one or more contact connections.



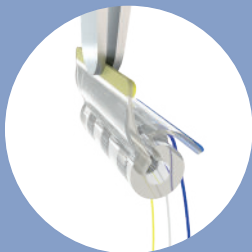
IMPLANTATION

1.



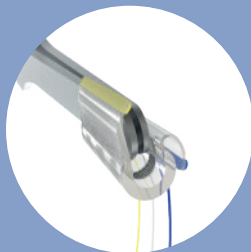
The tunnel cuff electrode is delivered in a closed state.

2.



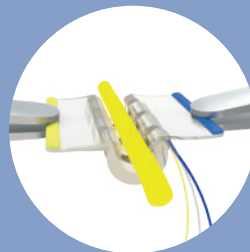
Only use flat tweezers to gently lift up the outer flap.

3.



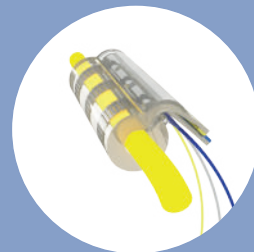
To open the Cuff initially, gently press a pair of flat tweezers into the cuff opening. This prepares the Cuff for easy handling during implantation.

4.



For implantation, grab both flaps with tweezers and place the Tunnel Cuff underneath the nerve.

5.



After releasing the flaps, the Tunnel Cuff closes by itself and is ready to use.



CorTec
Thinking ahead

www.cortec-neuro.com
sales@cortec-neuro.com
+49 (0) 761 70 888 222